



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 22 73 68 60

Classification of the application (IPC):
F25D 23/02, E05D 3/02, F25D 23/12, E05D 11/00

Technical fields searched (IPC):
F25D

| DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|-------------------------------------|---|-------------------|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim |
| E | EP 3957936 A1 (LG ELECTRONICS INC [KR]) 23 February 2022 (2022-02-23) * paragraphs [0095], [0115] - [0116], [0119]; figures 12-13,18-22 * | 1, 2 |
| X A | CN 110130758 A (QINGDAO HAIER CO LTD) 16 August 2019 (2019-08-16) * figures 1,3 * | 1, 2, 15 3-14 |
| X | US 2018187956 A1 (KIM MIN-KYU [KR] ET AL) 05 July 2018 (2018-07-05) * figure 3 * | 1 |

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

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|------------------------------|---|----------------------------|
| Place of search The Hague | Date of completion of the search 10 October 2024 | Examiner Canköy, Necdet |
|------------------------------|---|----------------------------|

CATEGORY OF CITED DOCUMENTS

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 10-10-2024
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| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|----|---------------------|----------------------------|---------------------|
| EP 3957936 | A1 | 23-02-2022 | AU 2021215170 A1 | 10-03-2022 |
| | | | CN 114076472 A | 22-02-2022 |
| | | | CN 118189491 A | 14-06-2024 |
| | | | EP 3957936 A1 | 23-02-2022 |
| | | | EP 4368927 A2 | 15-05-2024 |
| | | | KR 20220022225 A | 25-02-2022 |
| | | | US 2022057133 A1 | 24-02-2022 |
| | | | US 2023408171 A1 | 21-12-2023 |
| | | | CN 110130758 | A |
| US 2018187956 | A1 | 05-07-2018 | CN 108266954 A | 10-07-2018 |
| | | | EP 3343152 A1 | 04-07-2018 |
| | | | KR 20180080032 A | 11-07-2018 |
| | | | US 2018187956 A1 | 05-07-2018 |
| | | | US 2020149800 A1 | 14-05-2020 |